

Title (en)

Apparatus for preparing heating water and sanitary water

Title (de)

Gerät zum Bereiten von Heizwasser und Brauchwasser

Title (fr)

Appareil pour la préparation d'eau de chauffage et d'eau sanitaire

Publication

**EP 0902240 B1 20031029 (DE)**

Application

**EP 98110531 A 19980609**

Priority

DE 19739828 A 19970911

Abstract (en)

[origin: EP0902240A2] Circulating pump (17) operable at two levels is incorporated in system of primary heat exchanger (11) and external heating system. A secondary valve unit (33) is controlled as a function of the circulating pump output, so that a first line branch (30) leading to a secondary heat exchanger (21) via a hot water tank (31), for service water, is activated at low output and a second branch (34) leading directly to the secondary heat exchanger is activated at high output.

IPC 1-7

**F24D 19/10**

IPC 8 full level

**F24D 19/10** (2006.01)

CPC (source: EP US)

**F24D 3/08** (2013.01 - EP); **F24D 19/1012** (2013.01 - US); **F24D 19/1066** (2013.01 - EP); **F24H 1/52** (2013.01 - EP); **Y02B 30/70** (2013.01 - EP)

Cited by

EP1450115A1; EP3037670A1; CN107407286A; EP3037669A1; CN107250556A; US10443860B2; WO2016102271A1; US10677249B2; WO2016102269A1; EP4004447B1

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

**EP 0902240 A2 19990317**; **EP 0902240 A3 20010328**; **EP 0902240 B1 20031029**; AT E253205 T1 20031115; DE 19739828 A1 19990318; DE 59810012 D1 20031204

DOCDB simple family (application)

**EP 98110531 A 19980609**; AT 98110531 T 19980609; DE 19739828 A 19970911; DE 59810012 T 19980609